INFORMATION DISCLOSURE CITATION

(Use several sheets if necessary) .

ATTY DOCKET NO. F02-167191C/FK	APPLICATION NO. 10/822,003				
Sugimoto					
FILING April 12, 2004	GROUP ART 2624				

			1	April 12, 20	004		024	
		U.S	S. PATENT	DOCUMENTS				
	DOCUMENT NUMBER	DATE		NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIA	TE
-	E							
3,200	7 4,2 44,655 A	01/13/81	Asai, et	al.			<u> </u>	
	\$,278,921 A	01/11/94	Nakamura, et al.					
•	5,982,912 A	11/09/99	Fukui,	et al.				
				NATION BUBLICATIONS		<u> </u>	<u> </u>	
		U.S. PATE	T APPLIC			T	FILING DATE	
	DOCUMENT NUMBER	DATE	<u> </u>	NAME	CLASS	SUBCLASS	IF APPROPRI	
			<u> </u>			 	-	
						ļ	<u> </u>	
		FOI	REIGN PAT	ENT DOCUMENTS				
	DOCUMENT NUMBER	DATE		COUNTRY	CLASS	SUBCLASS	YES	ATION NO
١.	08-063597	03/08/96	JAPAN	I		ļ	Pars	
1.	09-251534 US Equit 5982.912	09/22/97	JAPAN	V				
1.	10-232934	09/02/98	JAPAN	V			PBS	
_	53-145622 US EQUY 4,244,6	12/19/78	JAPAI	N				
l	OTHER DOCU	MENTS (Inclu	ding Auth	or, Title, Date, Pertir	nent Pages, Etc	:.)		
\dashv								
NER				DATE CONSIDERE	D			
INED	Initial if reference considered, wh	nether or not citati	on is in conf	formance with MPEP 609); Draw line through	n citation if not	in conformanc	ce and
inek: ered. li	initial if reference considered, with next	t communication t	o applicant.					
	NER INER	3,2007 4,244,655 A . 5,982,912 A . 5,982,912 A DOCUMENT NUMBER . 08-063597 . 09-251534 5982,912 . 10-232934 . 53-145622 US Equiv OTHER DOCU	DOCUMENT NUMBER 3.2007 4.244,655 A 01/13/81 01/11/94 . 5,982,912 A 11/09/99 U.S. PATE DOCUMENT NUMBER DATE DOCUMENT NUMBER DATE 08-063597 . 09-251534 5992,912 . 10-232934 . 53-145622 USEQUY 12/19/78 OTHER DOCUMENTS (Inclu NER	U.S. PATENT DOCUMENT NUMBER DATE 3.2007 4,244,655 A 01/13/81 Asai, et 278,921 A 11/09/99 Fukui, d U.S. PATENT APPLICATION DOCUMENT NUMBER DATE DOCUMENT NUMBER DATE DOCUMENT NUMBER DATE DOCUMENT NUMBER DATE O8-063597 03/08/96 JAPAN 09-251534 USEQUY 09/02/98 JAPAN 10-232934 OTHER DOCUMENTS (Including Author) OTHER DOCUMENTS (Including Author) OTHER DOCUMENTS (Including Author) OTHER DOCUMENTS (Including Author)	U.S. PATENT DOCUMENTS P	DOCUMENT NUMBER	DOCUMENT NUMBER	U.S. PATENT DOCUMENT NAME

Form PTO-A820 (also form PTO-1449)

P09C/REV04

Patent and Trademark Office * U.S. DEPARTMENT OF COMMERCE

PAGE

OF 2

ATTY DOCKET NO.					1	APPLICATION NO. 10/822,003			
INFORMATION DISCLOSURE CITATION F02-167191C/FK 1 10/822.00 APPLICANT(S) APPLICANT(S)						<u> </u>			
1!	NFO	RMATION DISCLOSURE (Use several sheets if neces.)	con A HUN		Sugimoto				
		(Use several sneets if neces	sury, ,		FILING DATE		GROUP ART UN		
					April 12, 2004	4	2624		
_			U.S	. PATENT	DOCUMENTS				
CAMINER		DOCUMENT NUMBER	DATE		NAME	CLASS	SUBCLASS	FILING DATE IF APPROPR	IATE
TIAL	ı	4,749,848 A	06/07/88	Sorima	Sorimachi Sorimachi Matsuyama Takahashi, et al.				
	`	4,916,302 A	04/10/90	Sorima					
		5,615,398 A	03/25/97	Matsu					
		4,203,671 A	05/20/80					 	
		4,244,653 A	01/13/81	Asai,					
			U.S. PATE	NT APPL	ICATION PUBLICATIONS	T		FILING DATE	
XAMINER NITIAL		DOCUMENT NUMBER	DATE	NAME		CLASS	SUBCLASS	IF APPROPRIATE	
								 	
						 			
						 			
			FOF	REIGN PA	TENT DOCUMENTS				ATION
		DOCUMENT NUMBER	DATE		COUNTRY	CLASS	SUBCLASS	YES	NO NO
		04-67607 US EquiV 4,749 848.	10/28/92	JAPA	N				
	,	07-134238 US. Equy '	05/23/95	JAPA	.N				
		52-156624 LD Equit	12/27/77	JAPA	.N		_		
	,	53-145621 US Equiv	12/19/78	JAPA	AN	-			
	:	10,3,000 23,18,9	12/02/92	JAPA		18	<u> </u>		<u>L</u>
		OTHER DOCU	JMENTS (Inclu	ding Aut	hor, Title, Date, Pertinen	t Pages, E	i.C.)		
				_					
-V4					DATE CONSIDERED				
EXAMIN									
*EXAMI	NER:	Initial if reference considered, w	hether or not citation	on is in co	nformance with MPEP 609; Dr	aw line throu	igh citation if not	in conforman	ce and

Form PTO-A820 (also form PTO-1449)

considered. Include copy of this form with next communication to applicant.

Patent and Trademark Office * U.S. DEPARTMENT OF COMMERCE

P09C/REV04